

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	367	83/687	US-PGPUB; USPAT	OR	ON	2005/05/12 10:33
S2	376	83/687	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:17
S3	55	"83"/\$.ccls. and punch and die and stripp\$5 and (green or ceramic or substrate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:19
S4	715	"83"/\$.ccls. and punch and die and stripp\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:19
S5	523	"83"/\$.ccls. and (punch same die same stripp\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 18:50
S6	284	"29"/\$.ccls. and (punch same die same stripp\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:19
S7	460	"72"/\$.ccls. and (punch same die same stripp\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:42
S8	284	"29"/\$.ccls. and (punch same die same stripp\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/04 19:49
S9	13	("2341187" "2494413" "3426635" "3682029" "3700150" "4526076" "4628780" "4653365" "4977804" "5042336" "5111723" "5136907" "6682029").PN.	USPAT	OR	ON	2004/08/04 20:23
S10	3	"5448933".URPN.	USPAT	OR	ON	2004/08/04 20:24
S11	16	("2230043" "2807323" "3211035" "3234835" "3269238" "3485122" "3690205" "3871254" "4104941" "4107842" "4215608" "4235138" "4261237" "4428262" "4784031" "5138919").PN.	USPAT	OR	ON	2004/08/04 20:24
S12	1	"5359914".URPN.	USPAT	OR	ON	2004/08/04 20:26

S13	3	("3564959" "3570343" "4774865").PN.	USPAT	OR	ON	2004/08/04 20:27
S14	7	"4951537".URPN.	USPAT	OR	ON	2004/08/04 20:27
S15	8	("0042228" "0376009" "1378698" "2083476" "2250434" "2570055" "2757457" "3862516").PN.	USPAT	OR	ON	2004/08/04 20:28
S16	8	"4428262".URPN.	USPAT	OR	ON	2004/08/04 20:29
S17	3	("3496818" "3973454" "4166403").PN.	USPAT	OR	ON	2004/08/04 20:30
S18	4	"4246815".URPN.	USPAT	OR	ON	2004/08/04 20:30
S19	4	("2230043" "3485122" "3690205" "4041817").PN.	USPAT	OR	ON	2004/08/04 20:31
S20	2	"4215608".URPN.	USPAT	OR	ON	2004/08/04 20:31
S21	3	("2364401" "3086072" "3424212").PN.	USPAT	OR	ON	2004/08/04 20:31
S22	8	"4103574".URPN.	USPAT	OR	ON	2004/08/04 20:32
S23	3	("2245676" "3267975" "3368436").PN.	USPAT	OR	ON	2004/08/04 20:32
S24	16	"4007653".URPN.	USPAT	OR	ON	2004/08/04 20:32
S25	1	"3739461".PN.	USPAT	OR	ON	2004/08/04 20:33
S26	9	"3797342".URPN.	USPAT	OR	ON	2004/08/04 20:33
S27	6	("3124876" "4055067" "4667394" "4667499" "4956989" "5115663").PN.	USPAT	OR	ON	2004/08/04 20:34
S28	2	"5600992".URPN.	USPAT	OR	ON	2004/08/04 20:35
S29	16	("0521178" "1725300" "2542912" "3258834" "3355930" "3381514" "3596493" "3635067" "3688549" "3694127" "3760623" "4050283" "4111031" "4290292" "4509353" "4672729").PN.	USPAT	OR	ON	2004/08/04 20:35
S30	2	("3211035" "2867276").PN.	USPAT	OR	ON	2004/08/04 20:36
S31	4	"3690205".URPN.	USPAT	OR	ON	2004/08/04 20:37
S32	5	"3485122".URPN.	USPAT	OR	ON	2004/08/04 20:37
S33	8	"3269238".URPN.	USPAT	OR	ON	2004/08/04 20:38
S34	4	"2230043".URPN.	USPAT	OR	ON	2004/08/04 20:38
S35	4	("3114280" "3958476" "4007653" "4031787").PN.	USPAT	OR	ON	2004/08/04 20:38
S36	11	"4092888".URPN.	USPAT	OR	ON	2004/08/04 20:39
S37	14	"3211035".URPN.	USPAT	OR	ON	2004/08/04 20:39
S38	1	"2893488".PN.	USPAT	OR	ON	2004/08/04 20:40

S39	10	"3958476".URPN.	USPAT	OR	ON	2004/08/04 20:40
S40	367	83/687	US-PGPUB; USPAT	OR	ON	2004/08/05 09:21
S41	146	83/129	US-PGPUB; USPAT	OR	ON	2004/08/05 10:30
S42	85	83/132	US-PGPUB; USPAT	OR	ON	2004/08/05 10:37
S43	260	83/146	US-PGPUB; USPAT	OR	ON	2004/08/05 10:54
S44	154	83/202	US-PGPUB; USPAT	OR	ON	2004/08/05 10:56
S45	45	83/212.1	US-PGPUB; USPAT	OR	ON	2004/08/05 10:57
S46	126	83/213	US-PGPUB; USPAT	OR	ON	2004/08/05 11:00
S47	118	83/215	US-PGPUB; USPAT	OR	ON	2004/08/05 11:02
S48	122	83/356.2	US-PGPUB; USPAT	OR	ON	2004/08/05 11:07
S49	345	83/356.3	US-PGPUB; USPAT	OR	ON	2004/08/05 11:09
S50	332	83/691	US-PGPUB; USPAT	OR	ON	2004/08/05 11:27
S51	246	83/679	US-PGPUB; USPAT	OR	ON	2004/08/05 11:33
S52	444	83/686	US-PGPUB; USPAT	OR	ON	2004/08/05 11:53
S53	478	83/684	US-PGPUB; USPAT	OR	ON	2004/08/05 11:54
S54	4	"2230043".URPN.	USPAT	OR	ON	2004/08/05 13:32
S55	6	("4246815" "4261237" "4929276" "5176057" "5438897" "5701790").PN.	USPAT	OR	ON	2004/08/05 13:32
S56	1	"2893488".PN.	USPAT	OR	ON	2004/08/05 13:33
S57	10	"3958476".URPN.	USPAT	OR	ON	2004/08/05 13:33
S58	10	"3958476".URPN.	USPAT	OR	ON	2004/08/05 13:34
S59	0	"20030221535".URPN.	USPAT	OR	ON	2004/08/05 13:35
S60	0	"20030221535".URPN.	USPAT	OR	ON	2004/08/05 13:35
S61	12	("4261237" "4446767" "5056392" "5081891" "5127293" "5176057" "5271303" "5301580" "5438897" "5553523" "5701790" "5839341").PN.	USPAT	OR	ON	2004/08/05 13:35
S62	0	"6311594".URPN.	USPAT	OR	ON	2004/08/05 13:36

S63	0	"6311594".URPN.	USPAT	OR	ON	2004/08/05 13:36
S64	3	("2568152" "3355340" "5458717").PN.	USPAT	OR	ON	2004/08/05 13:36
S65	1	"6063228".URPN.	USPAT	OR	ON	2004/08/05 13:36
S66	1	"3059304".URPN.	USPAT	OR	ON	2004/08/05 13:36
S67	11	("0770239" "2087186" "2172272" "2580366" "3272051" "3496818" "3742804" "3763732" "4372183" "4487566" "4558616").PN.	USPAT	OR	ON	2004/08/05 13:38
S68	4	"5133237".URPN.	USPAT	OR	ON	2004/08/05 13:38
S69	16	("2230043" "2807323" "3211035" "3234835" "3269238" "3485122" "3690205" "3871254" "4104941" "4107842" "4215608" "4235138" "4261237" "4428262" "4784031" "5138919").PN.	USPAT	OR	ON	2004/08/05 13:39
S70	1	"5359914".URPN.	USPAT	OR	ON	2004/08/05 13:40
S71	11	("2494018" "2576295" "2647580" "2707028" "3035470" "3124027" "3524368" "3620113" "3710666" "3728919" "3747142").PN.	USPAT	OR	ON	2004/08/05 13:41
S72	28	"4425829".URPN.	USPAT	OR	ON	2004/08/05 13:41
S73	28	"4425829".URPN.	USPAT	OR	ON	2004/08/05 13:42
S74	3	("3496818" "3973454" "4166403").PN.	USPAT	OR	ON	2004/08/05 13:43
S75	4	"4246815".URPN.	USPAT	OR	ON	2004/08/05 13:43
S76	183	"83"/\$.ccls. and (stroke same length same punch)	US-PGPUB; USPAT	OR	ON	2004/08/05 14:57
S77	367	83/687	US-PGPUB; USPAT	OR	ON	2004/08/05 18:47
S78	19	83/687	US-PGPUB	OR	ON	2004/08/05 18:47
S79	28	"4872381"	US-PGPUB; USPAT	OR	ON	2004/08/06 09:34
S80	12	"3958476"	US-PGPUB; USPAT	OR	ON	2004/08/06 10:36
S81	4	("3114280" "3958476" "4007653" "4031787").PN.	USPAT	OR	ON	2004/08/06 10:36
S82	11	"4092888".URPN.	USPAT	OR	ON	2004/08/06 10:36
S83	16	wilson.inv. and "83"/\$.ccls. and punch	US-PGPUB; USPAT	OR	ON	2004/08/06 10:37

S84	10	"4985995"	US-PGPUB; USPAT	OR	ON	2004/08/06 13:56
S85	0	"10775387"	US-PGPUB; USPAT	OR	ON	2004/08/06 13:57
S86	4	("3496818" "3973454" "4166403").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 12:49
S87	4	("4246815").URPN.	USPAT	OR	ON	2005/01/19 12:50
S88	19	("2494018" "2576295" "2647580" "2707028" "3035470" "3124027" "3524368" "3620113" "3710666" "3728919" "3747142").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 12:51
S89	36	"4425829"	US-PGPUB; USPAT	OR	ON	2005/01/19 14:53
S90	236	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:29
S91	93	83/129.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:31
S92	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:36
S93	179	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:54
S94	9	("2230043" "3101984" "4215608" "5213376" "5359914" "5466017" "5833277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/01/19 15:36
S95	0	("6647845").URPN.	USPAT	OR	ON	2005/01/19 15:37
S96	99	83/202.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:56
S97	25	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:57
S98	78	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:58
S99	179	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:58
S10 0	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 15:59
S10 1	77	83/356.2.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:00
S10 2	202	83/356.3.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:01
S10 3	174	83/691.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:02

S10 4	165	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:04
S10 5	247	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:11
S10 6	226	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/01/19 16:11
S10 7	11	("3104804" "3524368" "3580120" "3602080" "3710666" "3800643" "4425829" "4821614" "4872381").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:40
S10 8	2	"6516696"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:41
S10 9	5	"5907985"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:42
S11 0	8	"5816093"	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/29 15:42
S11 1	4	"6481323"	US-PGPUB; USPAT	OR	ON	2005/05/12 10:34
S11 2	4	"6481323"	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:37
S11 3	24	"3477317"	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:37
S11 4	22	("3477317").URPN.	USPAT	OR	ON	2005/05/12 10:39
S11 5	13	("0178937" "0683363" "1387553" "1447987" "2420905" "2491035" "3720125").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 10:45
S11 6	1	("4078462").URPN.	USPAT	OR	ON	2005/05/12 11:15
S11 7	0	"106481323"	USPAT	OR	ON	2005/05/12 11:16
S11 8	3	"6481323"	USPAT	OR	ON	2005/05/12 11:16
S11 9	22	("3477317").URPN.	USPAT	OR	ON	2005/05/12 11:55
S12 0	18	("0791548" "1958941" "2355344" "2539887" "2580366" "2852056" "3137193" "3149524" "3379083").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 11:58

S12 1	8	("3641860").URPN.	USPAT	OR	ON	2005/05/12 12:00
S12 2	4	("2867276" "3211035").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:00
S12 3	7	("3124876" "4055067" "4667394" "4667499" "4956989" "5115663").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:07
S12 4	2	("5600992").URPN.	USPAT	OR	ON	2005/05/12 12:08
S12 5	7	("3124876" "4055067" "4667394" "4667499" "4956989" "5115663").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:46
S12 6	2	("5600992").URPN.	USPAT	OR	ON	2005/05/12 12:46
S12 7	21	("3066554" "3477317" "3750502" "3930248" "3979980" "4023044" "4088899" "4199727" "4347786" "4813320" "5251151" "5256010" "5410233" "5586041" "5673601" "5726568" "5905352" "5913956" "5934165").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:47
S12 8	0	("6305258").URPN.	USPAT	OR	ON	2005/05/12 12:49
S12 9	9	("0235353" "1690523" "2308953" "3146749" "4098108").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 12:52
S13 0	4	("4956989").URPN.	USPAT	OR	ON	2005/05/12 12:56
S13 1	667	"83"/\$.ccls. and (punch same shaft)	USPAT	OR	ON	2005/05/12 12:57
S13 2	733	"83"/\$.ccls. and (punch same shaft)	US-PGPUB; USPAT	OR	ON	2005/05/12 13:41
S13 3	19	("1138804" "2509956" "2597559" "2730103" "3486400" "3709083" "3841185" "3878412" "4821614" "4872381" "5024127" "5079983" "5090284" "5113736").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 13:12
S13 4	9	("5233895").URPN.	USPAT	OR	ON	2005/05/12 13:14
S13 5	1654	"83"/\$.ccls. and (punch same shaft)	USOCR	OR	ON	2005/05/12 13:42
S13 6	411	"83"/\$.ccls. and (punch near5 shaft)	USOCR	OR	ON	2005/05/12 14:00

S13 7	29	"76"/\$.ccls. and (punch near10 shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:03
S13 8	496	"29"/\$.ccls. and (punch near10 shaft)	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/12 14:03
S13 9	4	("3379083").URPN.	USPAT	OR	ON	2005/05/13 09:25
S14 0	4	("3379083").URPN.	USPAT	OR	ON	2005/05/13 09:27
S14 1	9	("2230043" "3101984" "4215608" "5213376" "5359914" "5466017" "5833277").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/05/13 09:43
S14 2	0	("6647845").URPN.	USPAT	OR	ON	2005/05/13 14:34
S14 3	243	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:37
S14 4	93	83/129.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:39
S14 5	54	83/132.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:39
S14 6	180	83/146.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:41
S14 7	101	83/202.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:41
S14 8	26	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:42
S14 9	79	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:43
S15 0	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:44
S15 1	167	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:45
S15 2	250	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:46
S15 3	233	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/05/13 14:46
S15 4	251	83/687.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 12:48
S15 5	116	83/687.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:52
S15 6	8	83/129.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:56
S15 7	10	83/132.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:57

S15 8	35	83/146.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:58
S15 9	6	83/202.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S16 0	0	83/212.1.ccls. and (punch same die)	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S16 1	26	83/212.1.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 12:59
S16 2	79	83/213.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:02
S16 3	84	83/215.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:03
S16 4	169	83/679.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:06
S16 5	254	83/686.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:10
S16 6	246	83/684.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:22
S16 7	401	83/563.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:22
S16 8	81	83/563.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:25
S16 9	90	83/549.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:27
S17 0	166	83/687.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:31
S17 1	82	83/691.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:35
S17 2	144	83/552.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:44
S17 3	244	83/698.91.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:50
S17 4	0	2348115-119.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:51
S17 5	80	234/115-119.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:52
S17 6	14	234/98.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:53
S17 7	7	234/105.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:53
S17 8	10	234/111.ccls. and punch	US-PGPUB; USPAT	OR	ON	2005/10/20 13:54
S17 9	293	234/115-119.ccls.	US-PGPUB; USPAT	OR	ON	2005/10/20 13:54
S18 0	2	"6516696"	US-PGPUB; USPAT	OR	ON	2005/10/24 13:45